

To: Deschambault, Lynda[Deschambault.Lynda@epa.gov]; Brown, Anthony R (RM)[anthony.brown@bp.com]
Cc: Greg Reller[gr@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Chang, Kay SPK[Kay.Chang@usace.army.mil]; Jefferson, Jill[Jill.Jefferson@amecfw.com]; Grant Ohland - (gohland@ohlandhydrogeo.com)[gohland@ohlandhydrogeo.com]; Cohen, Adam[Adam.Cohen@dgsllaw.com]
From: Lombardi, Marc
Sent: Thur 5/4/2017 3:29:58 PM
Subject: RE: Action Items from our 2017 Field Activities Webinar

Lynda,

Please see the update on Atlantic Richfield activities below in blue font.

If you have any questions please contact Tony Brown at (657) 529-4537 or anthony.brown@bp.com.

Thanks,

Marc

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From: Deschambault, Lynda [mailto:Deschambault.Lynda@epa.gov]
Sent: Tuesday, April 25, 2017 1:14 PM

To: Brown, Anthony R (RM) <anthony.brown@bp.com>
Cc: Lombardi, Marc <Marc.Lombardi@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Chang, Kay SPK <Kay.Chang@usace.army.mil>
Subject: Action Items from our 2017 Field Activities Webinar

Dear Mr. Brown,

EPA appreciates the April 7 , 2017 Webinar to discuss ARC's anticipated RI field activities during the 2017 field season,

Since we had a number of follow-up action items identified. I've listed them here.

Please let us know if there is anything additional ARC considers a priority or could limit field sampling in 2017; and in turn hinder the completion of a full, robust, complete, and responsive-to-EPA-comments Site Characterization by December 31, 2017

- o EPA to review Snowmelt and Storm water TSAP-- DONE
 - o ARC to provide surface water TSAP and EPA to review—DONE/ DONE
 - o EPA to review ICT trial work plan---DONE
 - o EPA provide comments on Upper Tributary comments –DONE
- ARC to combine data and evaluation into the groundwater TDSR and water balance.
- o EPA to provide interim approval of FFS for beaver ponds—IN REVIEW THIS WEEK,
- Office of Regional Counsel and headquarters consultation to review the document will also be

needed

EPA to ensure Depredation Permits renewed annually . Waterboard expires July 2017. FS sooner.

- o coordinate FS and groundwater meetings DONE: MAY 23RD AT AMEC OFFICE

- o Perimeter Well discussion OR conference call—DONE: AFTERNOON MAY 23RD. EPA WILL PROVIDE AGENDA

One drill rig will be on site to complete geotechnical drilling and could be used to install any additional wells. Any wells, if necessary are likely to be shallow, and so long as EPA provides a timely review and discussion ARC would be able to install additional wells

- o ARC to provide drive point piezometer summary- DATE? – The drive point piezometer construction summary information was included within the April 19, 2017 letter titled “Supplemental 2017 Monitoring for Groundwater/Surface Water Interaction Investigation near Acidic Pond and Leviathan Creek.”

ARC to provide Perimeter Well memo— (by April 30 or earlier). – Submitted to U.S. EPA on May 1 as April 30 landed on Sunday.

ARC to begin to provide CUD and Aspen Seep flow data monthly – Atlantic Richfield is currently preparing a data transmittal with CUD and Aspen Seep flow data for 2017 data from January through March that we anticipate will be ready for submittal to U.S. EPA by the end of next week (5/12/17). Subsequent transmittals will provide the data from the previous month on an approximate monthly basis.

- o ARC to provide bioaccessibility TSAP. – Submitted to U.S. EPA on April 21, 2017.

- o ARC to provide TPH TSAP. – Submitted to U.S. EPA on May 1, 2017.

- o ARC to provide amendment 11 TSAP: Groundwater Surface water – Atlantic Richfield has submitted two documents to U.S. EPA related to Amendment 11: 1) On-Property Focused Remedial Investigation Work Plan Amendment No. 11 Supplement No. 1 – Task Sampling and Analysis Plan for Surface Water / Groundwater Interaction Investigation at Upper Leviathan Creek, which was submitted to U.S. EPA on April 13, 2017 and 2) Supplemental 2017 Monitoring for Groundwater/Surface Water Interaction Investigation near Acidic Pond and Leviathan Creek, which was submitted to U.S. EPA on April 19.

- o EPA to coordinate site tour for Washoe chairman—UNDERWAY

- o ARC to update EPA regarding HDS Pond 4 standpipe leak and repair—REVISED REPORT COMPLETED

REMAINING: ARC TO PROVIDE ASSESSMENT OF THE POND WATER VS DISCHARGE WATER, SUGGEST MITIGATIONS FOR FUTURE. - A water chemistry comparison was included in the April 18, 2017 update. ARC has not determined why the chemistries were different, other than to speculate that differences may have been due to stratification or incomplete mixing of precipitation and seep drain influent in Pond 4.

Installation of a new and more substantial pipe connection and removal of the elbow at the top of the overflow standpipe should help to prevent floating ice from displacing the riser pipe in the future.

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